

**EAST Search History****EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	marsten-roy\$.in.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:51
L2	0	emcien\$.as.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:51
L3	783	705/7.25.cds.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:52
L4	0	3 and ((simultaneous\$ near3 optim\$) same (product near3 configuration))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:53
L5	99215	'705'.clas.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:54
L6	0	5 and ((simultaneous\$ near3 optim\$) same (product near3 configuration))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:55
L7	1	5 and ((global\$ near3 optim\$) same (product near3 configuration))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:55
L15	251172	(product or component or option) with (configuration or arrangement)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L16	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L17	12	((maximize with profit) and (minimize with cost)) same demand	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L18	12	L16 and ((maximize with profit) and (minimize with cost))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L19	11	L18 and demand	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L20	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.	US_PGPUB; USPAT	OR	OFF	2011/09/30 20:58

L21	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US_PGPUB; USPAT	OR	OFF	2011/09/30 20:58
L22	79	L20 or L21	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L23	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L24	13	L22 and L23	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L25	8	L24 and demand	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L26	1	L24 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L27	12	L23 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L28	7	L27 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L29	14075	((upgrade\$ or upsell\$) with (option or feature or product or component))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L30	386	L23 and L29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L31	0	L26 and L30	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L32	73	L30 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L33	1574	13and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L34	5	L32 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L35	196	((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L36	5	L30 and L35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L37	6	L29 and L35	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L38	2	("20040102990").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L39	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L40	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58

		\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.				
L41	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58
L42	79	L40 or L41	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L43	2	("5168455").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L44	2	("5168445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L45	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58
L46	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363498-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58

		\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.				
L47	79	L45 or L46	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L48	5	L45 and L46	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L49	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L50	66	((product or component or option) with ((configuration or arrangement) and optim \$)) same rule	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L51	2	L50 and ((feature or option) with cost)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L52	2	("5552995").PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L53	2	("20050149377").PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L54	76	historical with product with configuration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L55	70	historical with product with configuration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L56	3	historical with product with configuration with demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L57	3	L55 same demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L58	21	L55 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L59	3	(historical with demand) same (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L60	69	(historical with demand) and (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L61	45	L60 and rules	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L62	6	(("7386832") or ("20050149377") or ("7039602")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L63	2	L62 and sale	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L64	3	(historical with (demand or sale)) same (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L65	31	((historical or previous or past) with (demand or sale)) same (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L66	251172	(product or component or option) with (configuration or arrangement)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L67	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L68	12	((maximize with profit) and (minimize with cost)) same demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L69	12	L67 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L70	11	L69 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L71	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58

		6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-52677446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.			
L72	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US-PGPUB; USPAT	OR	OFF 2011/09/30 20:58

L73	79	L71 or L72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L74	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L75	13	L73 and L74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L76	8	L75 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L77	1	L75 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L78	12	L74 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L79	7	L78 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L80	14075	((upgrade\$ or upsell\$) with (option or feature or product or component))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L81	386	L74 and L80	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L82	0	L77 and L81	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L83	73	L81 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L84	1574	13and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L85	5	L83 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L86	196	((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L87	5	L81 and L86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L88	6	L80 and L86	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L89	2	("20040102990").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L90	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L91	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58

		7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.				
L92	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58

		5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.				
L93	79	L91 or L92	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L94	2	("5168455").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L95	2	("5168445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L96	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-	OR	OFF	2011/09/30 20:58	

		6535915-\$ or US-6711676-\$).did.				
L97	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58
L98	79	L96 or L97	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L99	5	L96 and L97	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L100	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L101	66	((product or component or option) with ((configuration or arrangement) and option \$)) same rule	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L102	2	L101 and ((feature or option) with cost)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L103	2	("5552995").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L104	0	marsten-roy.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L105	0	marsten-roy\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L106	0	marsten-roy-earl.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L107	0	emcien.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L108	0	emcien\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L109	24592	product near3 configurat\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L110	1526	(group or grouping or set or all) with (product near3 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L111	1	L110 same (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L112	7	("7039602").URPN.	USPAT	OR	ON	2011/09/30 20:58
L113	37	("4209845"   "4611280"   "4611310"   "4737910"   "4827423"   "5089970"   "5101352"   "5128861"   "5148370"   "5175857"   "5216612"   "5218700"   "5233533"   "5260425"   "5303144"   "5343388"   "5369570"   "5570291"   "5594639"   "5630070"   "5712985"   "5712989"   "5809144"   "5845258"   "5963953"   "5970474"   "5979757"   "5999908"   "6009406"   "6012041"   "6016504"   "6035305"   "6055519"   "6085165"   "6085170"   "6167383"   "6188989").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2011/09/30 20:58
L114	19	L110 with optimiz\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L115	7	(product near3 configurat\$) same (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L116	43	L109 same (demand with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L117	139299	optim\$ with ((product near3 configurat\$) or assembl\$ or product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L118	63	L117 same (demand with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L119	5	L118 and (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L120	139299	optim\$ with ("product configuration" or assembl\$ or product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L121	63	L120 same (demand with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L122	5	L121 and (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L123	5869	"product configuration"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L124	39	schierholt.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L125	2	L123 and L124	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L126	0	optimal with (product or configuration) and (all adj2 possible)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L127	0	optimal with ((product or configuration) and (all adj2 possible))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L128	43852	optimal with ((product or configuration) and all possible)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L129	191	L128 and "product configuration"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L130	3	L129 and ((option or feature) with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L131	0	("2009/0164262").URPN.	USPAT	OR	ON	2011/09/30 20:58
L132	3702	knowledge with configuration	USPAT	OR	ON	2011/09/30 20:58
L133	233	L132 same optim\$	USPAT	OR	ON	2011/09/30 20:58
L134	12	L133 and "product configuration"	USPAT	OR	ON	2011/09/30 20:58
L135	4	L134 and demand	USPAT	OR	ON	2011/09/30 20:58
L136	1003	(possible near3 configura \$) with optim\$	USPAT	OR	ON	2011/09/30 20:58
L137	11	L136 and "product configuration"	USPAT	OR	ON	2011/09/30 20:58
L138	11	((("7231374") or ("5307261") or ("2001295462") or ("20030208284") or ("20020010521")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L139	11	((("7231374") or ("5307261") or ("2001295462") or ("20030208284") or ("20020010521")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L140	0	L139 and (historical with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L141	0	L139 and ((historical or previous or past) with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L142	15	skyva\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L143	1	"200149989"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L144	6129	((configurat\$ near3 product) or assembl\$) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L145	677	L144 and ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L146	81	(optim\$ with ((configurat\$ near3 product) or assembl\$)) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L147	12	L146 and ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L148	16	L146 and ((all or each or every or any) near5 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L149	19	L146 and ((all or each or every or any) with configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L150	455	(configurat\$ near3 product) with ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L151	0	optimal with (configurat\$ near3 product) with ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L152	4	optim\$ with (configurat\$ near3 product) with ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L153	455	optim\$ with (configurat\$ near3 product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L154	455	optim\$ with ((configurat\$ near3 product) or "product configuration")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L155	4	L154 same (product near5 (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L156	19	((past or previous or prior or historical) near3 demand) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L157	1	L154 and L156	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L158	15	"7231374"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L159	90	((past or previous or prior or historical) with demand) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L160	25	((past or previous or prior or historical) with demand) with (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L161	0	L154 and L160	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L162	73518	(optim\$ with ((configurat\$ near3 product) or "product configuration")) or (optim\$ with configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L163	35338	(optim\$ with ((configurat\$ near3 product) or "product configuration")) or (optim\$ near3 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L164	21	L163 same (product near5 (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L165	367	((forecast\$ or future) adj3 sales) same ((past or previous or prior or historical) adj3 sales)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L166	0	L154 and L165	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L167	6	L165 and (optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L168	828	((forecast\$ or future) adj3 (sales or demand)) same ((past or previous or prior or historical) adj3 (sales or demand))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L169	6	L168 and (optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L170	1085	((forecast\$ or future or predict\$ or anticipat\$) adj3 (sales or demand)) same ((past or previous or prior or historical) adj3 (sales or demand))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L171	7	L170 and (optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L172	882	(optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L173	2382	(valid or possible or acceptable) same ((configurat\$ near3 product) or "product configuration")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L174	2	L173 same ((past or previous or prior or historical) with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L175	961	(valid or possible or acceptable) with ((configurat\$ near3 product) or "product configuration")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L176	55	L154 and L175	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L177	2	("20020073001").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L178	251172	(product or component or option) with (configuration or arrangement)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L179	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L180	12	((maximize with profit) and (minimize with cost)) same demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L181	12	L179 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L182	11	L181 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L183	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58
L184	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58

		\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.				
L185	79	L183 or L184	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L186	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L187	13	L185 and L186	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L188	8	L187 and demand	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L189	1	L187 and (customer with demand)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L190	12	L186 and ((maximize with profit) and (minimize with cost))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L191	7	L190 and (customer with demand)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L192	14075	((upgrade\$ or upsell\$) with (option or feature or product or component))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L193	386	L186 and L192	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L194	0	L189 and L193	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L195	73	L193 and (customer with demand)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L196	1574	13and ((maximize with profit) and (minimize with cost))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L197	5	L195 and ((maximize with profit) and (minimize with cost))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L198	196	((maximize with profit) and (minimize with cost))	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L199	5	L193 and L198	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L200	6	L192 and L198	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L201	2	("20040102990").PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L202	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L203	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.	US_PGPUB; USPAT	OR	OFF	2011/09/30 20:58

L204	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4963595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US_PGPUB; USPAT	OR	OFF	2011/09/30 20:58
L205	79	L203 or L204	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L206	2	("5168455").PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L207	2	("5168445").PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L208	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58
L209	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58

		\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.				
L210	79	L208 or L209	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L211	5	L208 and L209	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L212	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L213	66	((product or component or option) with ((configuration or arrangement) and optim \$)) same rule	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L214	2	L213 and ((feature or option) with cost)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L215	2	("5552995").PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L216	2	("20050149377").PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L217	76	historical with product with configuration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L218	70	historical with product with configuration	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L219	3	historical with product with configuration with demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L220	3	L218 same demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L221	21	L218 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L222	3	(historical with demand) same (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L223	69	(historical with demand) and (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L224	45	L223 and rules	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L225	6	((7386832") or (("20050149377") or ("7039602")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L226	2	L225 and sale	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L227	3	(historical with (demand or sale)) same (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L228	31	((historical or previous or past) with (demand or sale)) same (product with configuration)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L229	251172	(product or component or option) with (configuration or arrangement)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L230	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L231	12	((maximize with profit) and (minimize with cost)) same demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L232	12	L230 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L233	11	L232 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L234	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58

		6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267746-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.			
L235	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US-PGPUB; USPAT	OR	OFF 2011/09/30 20:58

L236	79	L234 or L235	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L237	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L238	13	L236 and L237	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L239	8	L238 and demand	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L240	1	L238 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L241	12	L237 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L242	7	L241 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L243	14075	((upgrade\$ or upsell\$) with (option or feature or product or component))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L244	386	L237 and L243	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L245	0	L240 and L244	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L246	73	L244 and (customer with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L247	1574	13and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L248	5	L246 and ((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L249	196	((maximize with profit) and (minimize with cost))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L250	5	L244 and L249	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L251	6	L243 and L249	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L252	2	("20040102990").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L253	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L254	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58

		7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-6535915-\$ or US-6711676-\$).did.				
L255	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58

		5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.				
L256	79	L254 or L255	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L257	2	("5168455").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L258	2	("5168445").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L259	38	(US-20020156951-\$ or US-20020194147-\$ or US-20040059447-\$ or US-20020152057-\$ or US-20030208284-\$ or US-20030163292-\$ or US-20030167354-\$ or US-20040100495-\$ or US-20060167988-\$ or US-20020178075-\$ or US-20040243699-\$ or US-20030023841-\$ or US-20030061324-\$).did. or (US-6098119-\$ or US-7107191-\$ or US-6856972-\$ or US-7039602-\$ or US-5877966-\$ or US-6813531-\$ or US-6854052-\$ or US-7062478-\$ or US-7278134-\$ or US-6708061-\$ or US-6996550-\$ or US-6725257-\$ or US-7062400-\$ or US-7162439-\$ or US-5515269-\$ or US-6941450-\$ or US-4066116-\$ or US-5023485-\$ or US-5267446-\$ or US-RE34916-\$ or US-5476098-\$ or US-5558891-\$ or US-5615342-\$ or US-5742754-\$ or US-5914879-\$ or US-6009406-\$).did. or (US-6038665-\$ or US-6077315-\$ or US-6078569-\$ or US-6115547-\$ or US-6240328-\$ or US-6256635-\$ or US-6377247-\$ or US-6460766-\$ or US-6473874-\$ or US-	OR	OFF	2011/09/30 20:58	

		6535915-\$ or US-6711676-\$).did.				
L260	46	(US-20020194147-\$ or US-20030061572-\$ or US-20040059447-\$ or US-20060190291-\$).did. or (US-6253193-\$ or US-6363488-\$ or US-6389402-\$ or US-6427140-\$ or US-6052669-\$ or US-4969595-\$ or US-5844554-\$ or US-6300948-\$ or US-6536014-\$ or US-6813531-\$ or US-6829703-\$ or US-7003360-\$ or US-7039602-\$ or US-7278134-\$ or US-5499295-\$ or US-4330025-\$ or US-4471656-\$ or US-4586266-\$ or US-4859518-\$ or US-5023485-\$ or US-5262590-\$ or US-5295067-\$ or US-5311424-\$ or US-5403644-\$ or US-RE34916-\$ or US-5478426-\$).did. or (US-5516590-\$ or US-5531363-\$ or US-5590589-\$ or US-5610710-\$ or US-5632164-\$ or US-5745765-\$ or US-5935694-\$ or US-5999620-\$ or US-6082618-\$ or US-6111207-\$ or US-6287765-\$ or US-6393331-\$ or US-6470870-\$ or US-6687816-\$ or US-5757678-\$ or US-5913051-\$ or US-4369200-\$ or US-4533743-\$ or US-5025205-\$ or US-5211641-\$).did.	US-PGPUB; USPAT	OR	OFF	2011/09/30 20:58
L261	79	L259 or L260	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L262	5	L259 and L260	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L263	14549	(product or component or option) with ((configuration or arrangement) and optim\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58

L264	66	((product or component or option) with ((configuration or arrangement) and optim\$)) same rule	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L265	2	L264 and ((feature or option) with cost)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L266	2	(*5552995").PN.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L267	0	marsten-roy.in.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L268	0	marsten-roy\$.in.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L269	0	marsten-roy-earl.in.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L270	0	emcien.as.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L271	0	emcien\$.as.	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L272	24592	product near3 configurat\$	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L273	1526	(group or grouping or set or all) with (product near3 configurat\$)	US_PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L274	1	L273 same (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L275	7	("7039602").URPN.	USPAT	OR	ON	2011/09/30 20:58
L276	37	("4209845"   "4611280"   "4611310"   "4737910"   "4827423"   "5089970"   "5101352"   "5128861"   "5148370"   "5175857"   "5216612"   "5218700"   "5233533"   "5280425"   "5303144"   "5343388"   "5369570"   "5570291"   "5594639"   "5630070"   "5712985"   "5712989"   "5809144"   "5845258"   "5963953"   "5970474"   "5979757"   "5999908"   "6009406"   "6012041"   "6016504"   "6035305"   "6055519"   "6085165"   "6085170"   "6167383"   "6188989").PN.	US-PGPUB; USPAT; USOOR	OR	ON	2011/09/30 20:58
L277	19	L273 with optimiz\$	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L278	7	(product near3 configurat\$) same (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L279	43	L272 same (demand with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L280	139299	optim\$ with ((product near3 configurat\$) or assembl\$ or product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L281	63	L280 same (demand with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L282	5	L281 and (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L283	139299	optim\$ with ("product configuration" or assembl\$ or product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L284	63	L283 same (demand with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L285	5	L284 and (historical with (demand or order or request))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L286	5869	"product configuration"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L287	39	schierholt.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L288	2	L286 and L287	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L289	0	optimal with (product or configuration) and (all adj2 possible)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L290	0	optimal with ((product or configuration) and (all adj2 possible))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L291	43852	optimal with ((product or configuration) and all possible)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L292	191	L291 and "product configuration"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L293	3	L292 and ((option or feature) with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L294	0	("2009/0164262").URPN.	USPAT	OR	ON	2011/09/30 20:58
L295	3702	knowledge with configuration	USPAT	OR	ON	2011/09/30 20:58
L296	233	L295 same optim\$	USPAT	OR	ON	2011/09/30 20:58
L297	12	L296 and "product configuration"	USPAT	OR	ON	2011/09/30 20:58
L298	4	L297 and demand	USPAT	OR	ON	2011/09/30 20:58
L299	1003	(possible near3 configura\$) with optim\$	USPAT	OR	ON	2011/09/30 20:58
L300	11	L299 and "product configuration"	USPAT	OR	ON	2011/09/30 20:58
L301	11	((("7231374") or ("5307261") or ("2001295462") or ("20030208284") or ("20020010521")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L302	11	((("7231374") or ("5307261") or ("2001295462") or ("20030208284") or ("20020010521")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L303	0	L302 and (historical with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L304	0	L302 and ((historical or previous or past) with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L305	15	skyva\$.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L306	1	"200149989"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L307	6129	((configurat\$ near3 product) or assembl\$) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L308	677	L307 and ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L309	81	(optim\$ with ((configurat\$ near3 product) or assembl\$)) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L310	12	L309 and ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L311	16	L309 and ((all or each or every or any) near5 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L312	19	L309 and ((all or each or every or any) with configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L313	455	(configurat\$ near3 product) with ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L314	0	optimal with (configurat\$ near3 product) with ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L315	4	optim\$ with (configurat\$ near3 product) with ((all or each or every or any) near2 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L316	455	optim\$ with (configurat\$ near3 product)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L317	455	optim\$ with ((configurat\$ near3 product) or "product configuration")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L318	4	L317 same (product near5 (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L319	19	((past or previous or prior or historical) near3 demand) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L320	1	L317 and L319	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L321	15	"7231374"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L322	90	((past or previous or prior or historical) with demand) same (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L323	25	((past or previous or prior or historical) with demand) with (product with (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L324	0	L317 and L323	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L325	73518	(optim\$ with ((configurat\$ near3 product) or "product configuration")) or (optim\$ with configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L326	35338	(optim\$ with ((configurat\$ near3 product) or "product configuration")) or (optim\$ near3 configurat\$)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L327	21	L326 same (product near5 (option or feature))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L328	367	((forecast\$ or future) adj3 sales) same ((past or previous or prior or historical) adj3 sales)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L329	0	L317 and L328	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L330	6	L328 and (optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L331	828	((forecast\$ or future) adj3 (sales or demand)) same ((past or previous or prior or historical) adj3 (sales or demand))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L332	6	L331 and (optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L333	1085	((forecast\$ or future or predict\$ or anticipat\$) adj3 (sales or demand)) same ((past or previous or prior or historical) adj3 (sales or demand))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L334	7	L333 and (optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L335	882	(optim\$ same ((configurat\$ near3 product) or "product configuration"))	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58

L336	2382	(valid or possible or acceptable) same ((configurat\$ near3 product) or "product configuration")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L337	2	L336 same ((past or previous or prior or historical) with demand)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L338	961	(valid or possible or acceptable) with ((configurat\$ near3 product) or "product configuration")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L339	55	L317 and L338	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2011/09/30 20:58
L340	2	("20020073001").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L341	6	(("7386832") or ("7347364") or ("7231374")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2011/09/30 20:58
L342	5	(US-20050149377-\$).did. or (US-7039602-\$ or US-7386832-\$ or US-7347364-\$ or US-7231374-\$).did.	US-PGPUB; USPAT	OR	ON	2011/09/30 20:58
L343	4	L342 and (forecast\$ or predict\$)	US-PGPUB; USPAT	OR	ON	2011/09/30 20:58

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L8	783	705/7.25.ccls.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/09/30 20:55
L9	0	8 and ((simultaneous\$ near3 optim\$) same (product near3 configuration)).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/09/30 20:56
L10	0	((simultaneous\$ near3 optim\$) same (product near3 configuration)).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/09/30 20:56

L11	2	((global\$ near3 optim\$) same (product near3 configuration))	US-PGPUB; USPAT; UPAD	OR	OFF	2011/09/30 20:56
L12	0	((simultaneous\$ near3 optim\$) same (product near3 configuration))	US-PGPUB; USPAT; UPAD	OR	OFF	2011/09/30 20:57
L13	1465	((global\$ near3 optim\$) same (product near3 configuration))".clm"	US-PGPUB; USPAT; UPAD	OR	OFF	2011/09/30 20:57
L14	0	((global\$ near3 optim\$) same (product near3 configuration)).clm.	US-PGPUB; USPAT; UPAD	OR	OFF	2011/09/30 20:57

9/ 30/ 2011 9:25:28 PM

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